

SN:09/559,690

**AMENDMENTS TO THE SPECIFICATION**

Please insert the following after line 16, of page 15, in the specification.

The SSR profile of Inbred PH0R8 can be found in Table A.

Table A

Public Name of Marker	bin #	PH0R8 base pairs
phi427913	1.01	129.38
bnlg1014	1.01	125.88
phi056	1.01	255.30
bnlg1083	1.02	203.72
bnlg1127	1.02	96.21
bnlg1953	1.02	205.80
bnlg1429	1.02	184.58
bnlg1627	1.02	206.48
bnlg439	1.03	232.00
phi109275	1.03	126.31
bnlg1203	1.03	306.51
bnlg1484	1.03	145.92
bnlg2086	1.04	217.79
bnlg1886	1.05	145.64
bnlg1057	1.06	274.00
bnlg1041	1.06	192.27
bnlg1615	1.06	211.96
phi335539	1.08	88.58
phi423298	1.08	133.68
phi002	1.08	73.53
bnlg1331	1.09	121.03
phi011	1.09	226.98
phi308707	1.10	131.11
phi227562	1.11	322.45
phi064	1.11	94.65
phi402893	2.00	218.34
bnlg1017	2.02	195.57
bnlg2277	2.02	292.29
bnlg1064	2.03	200.92
bnlg1018	2.04	134.33
bnlg1909	2.05	304.05
bnlg1138	2.06	222.14

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Out*

Public Name of Marker	bin #	PH0R8 base pairs
bnlg1396	2.06	136.79
bnlg1831	2.06	193.90
phi328189	2.08	121.35
phi427434	2.08	121.46
phi435417	2.08	214.27
phi127	2.08	123.97
bnlg1520	2.09	294.41
phi101049	2.10	238.19
phi453121	3.00	217.80
phi104127	3.01	169.96
phi404206	3.01	300.24
phi374118	3.02	225.95
bnlg1144	3.02	159.57
bnlg1647	3.02	154.26
bnlg1523	3.03	257.05
bnlg1019	3.04	179.98
bnlg1113	3.04	134.41
bnlg1452	3.04	84.44
bnlg1035	3.05	118.64
phi053	3.05	191.64
phi102228	3.06	126.84
bnlg1160	3.06	220.49
bnlg1951	3.06	121.12
bnlg2241	3.06	142.63
phi072	4.00	139.43
phi213984	4.01	303.16
phi295450	4.01	197.12
phi308090	4.04	216.06
phi096	4.04	234.58
phi438301	4.05	211.81
bnlg1159	4.05	141.65
bnlg1937	4.05	227.36
bnlg1265	4.05	225.57
phi079	4.05	177.74
bnlg1006	5.00	229.38
phi396160	5.02	298.12
phi109188	5.03	165.50
bnlg653	5.04	151.67
phi330507	5.04	140.46
phi331888	5.04	130.72
bnlg1208	5.04	118.88

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Chart

Public Name of Marker	bin #	PH0R8 base pairs
bnilg1892	5.04	149.85
phi333597	5.05	216.51
phi085	5.06	250.16
bnilg1118	5.07	82.56
bnilg1711	5.07	176.65
phi423796	6.01	128.39
phi445613	6.05	96.95
phi299852	6.07	117.30
bnilg1740	6.07	230.27
bnilg1759	6.07	125.81
phi070; umc1063	6.07	83.47
phi034	7.02	140.96
bnilg2271	7.03	218.19
phi328175	7.04	128.31
phi260485	7.05	285.39
phi069	7.05	204.40
phi116	7.06	158.89
phi420701	8.00	297.77
bnilg1194	8.02	140.77
phi100175	8.03	145.34
bnilg2082	8.03	152.96
phi115	8.03	302.63
phi121	8.03	97.90
bnilg2046	8.04	306.22
bnilg1152	8.06	148.42
bnilg1065	8.07	215.69
phi015	8.08	79.78
phi233376	8.09	147.93
bnilg2122	9.01	237.09
phi032	9.04	236.63
phi108411	9.05	126.04
phi236654	9.05	117.08
phi041	10.00	214.97
phi96342	10.02	240.18
phi059	10.02	143.60
bnilg1079	10.03	176.05
bnilg1655	10.03	126.51
phi050	10.03	83.27
phi301654	10.04	128.33
phi062	10.04	161.07

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PIONEER HI-BRED DSM

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*C-Chart*

Public Name of Marker	bin #	PH0R8 base pairs
phi323152	10.05	144.53
bnlg1074	10.05	183.85
bnlg1185	10.07	183.31
bnlg1450	10.07	210.36
phi109642	2.03/2.04	148.23
bnlg1720	1.09/1.10	236.44
phi448880	9.06/9.07	182.99